

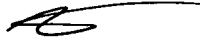
PATENT

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Respectfully submitted,

HICKMAN PALERMO TRUONG & BECKER LLP

Dated: December 3, 2001



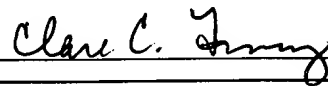
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Version with Markings to Show Changes Made

1 1. (Amended) A method for reducing user input required to access a plurality of services
2 provided ~~over a wireless connection~~ to a device, comprising:
3 storing, external to said device and separate from a first service of the plurality of
4 services, data records containing a plurality of data items associated with a
5 particular type of information;
6 receiving a first message from said device requesting asaid first service ~~of said~~
7 ~~plurality of services~~, wherein said first service requires said particular type of
8 information for input;
9 reading said data records and transmitting data to said device to cause said device to
10 present a user interface allowing a particular data item of said plurality of data
11 items to be selected;
12 receiving a second message indicating a selection from said device of said particular
13 data item; and
14 sending said particular data item to said first service of said plurality of services.

1 2. (Not Amended) The method of claim 1, wherein said step of storing said data records
2 comprises:
3 receiving content provided by said plurality of services;
4 identifying, within said content, data items associated with said particular type of
5 information; and
6 storing data records containing said data items.

1 3. (Not Amended) The method of claim 2 wherein:
2 the step of receiving content includes receiving content requested in messages from
3 said device;
4 said messages contain a particular identifier; and
5 the step of storing data records includes storing data records are associated with said
6 particular identifier.

1 4. (Not Amended) The method of claim 2 wherein the step of storing data records
2 containing said data items is performed transparent to a user of said device.

1 5. (Not Amended) The method of claim 2 further comprising the step of deleting
2 existing data records in response to storing said data records when an amount
3 associated with said data records reaches a predetermined threshold.

1 6. (Not Amended) The method of claim 5 further comprising the step selecting which
2 existing data records to delete based on a sequence associated with said existing data
3 records.

1 7. (Not Amended) The method of claim 6 wherein said sequence reflects when data
2 items within said existing data records were most recently selected.

1 8. (Not Amended) The method of claim 6 wherein said sequence reflects when said
2 existing data records were generated.

1 9. (Not Amended) The method of claim 2 wherein:
2 the content includes tags; and
3 the step of identifying, within said content, data items associated with said particular
4 type of information is performed based on said tags.

1 10. (Not Amended) The method of claim 1, wherein the step of transmitting data to said
2 device to cause said device to present a user interfaces includes transmitting data to
3 said device to cause said device to present a user interface that displays a first subset
4 of said plurality of data items.

1 11. (Not Amended) The method of claim 10, further comprising the step of transmitting
2 data to said device to cause said device to present an option for causing said list to be
3 updated to display a second subset of said plurality of data items.

1 12. (Not Amended) The method of claim 1, wherein said particular data item identifies a
2 particular address.

1 13. (Not Amended) The method of claim 1, wherein
2 said data records are stored in a database with data that associates the data records
3 with an identifier,

4 the method includes the steps of
5 extracting the identifier from said first message; and
6 locating said data records based on said identifier.

14. (Cancelled).

1 15. (Not Amended) The method of claim 1, wherein said step of storing said data records
2 comprises:
3 receiving data items associated with said particular type of information from said
4 device;
5 storing said plurality of data items received from said device.

1 16. (Not Amended) The method of claim 1 further comprising the step of deleting
2 existing data records in response to storing said data records when an amount
3 associated with said data records reaches a predetermined threshold.

1 17. (Not Amended) The method of claim 16 further comprising the step selecting which
2 existing data records to delete based on a sequence associated with said existing data
3 records.

1 18. (Not Amended) The method of claim 17 wherein said sequence reflects when data
2 items within said existing data records were most recently selected.

1 19. (Not Amended) The method of claim 17 wherein said sequence reflects when said
2 existing data records were generated.

1 20. (Amended) The method of claim 1, wherein
2 the step of storing is performed by a server; and
3 **the device is connected to the server through a connection that includes at least a**
4 **portion that is wireless; and**
5 said step of storing said data records comprises:
6 receiving data items associated with said particular type of information from a
7 second device that is connected to said server with a connection that is
8 not wireless; and
9 storing said plurality of data items with an identifier associated with said
10 device.

1 21. (Amended) A computer-readable medium carrying instructions for reducing user
2 input required to access a plurality of services provided ~~over a wireless connection to~~
3 a device, the instructions comprising instructions for performing the steps of:
4 storing, external to said device **and separate from a first service of the plurality of**
5 **services**, data records containing a plurality of data items associated with a
6 particular type of information;
7 receiving a first message from said device requesting **asaid** first service ~~of said~~
8 ~~plurality of services~~, wherein said first service requires said particular type of
9 information for input;

10 reading said data records and transmitting data to said device to cause said device to
11 present a user interface allowing a particular data item of said plurality of data
12 items to be selected;
13 receiving a second message indicating a selection from said device of said particular
14 data item; and
15 sending said particular data item to said first service of said plurality of services.

1 22. (Not Amended) The computer-readable medium of claim 21, wherein said step of
2 storing said data records comprises:
3 receiving content provided by said plurality of services;
4 identifying, within said content, data items associated with said particular type of
5 information; and
6 storing data records containing said data items.

1 23. (Not Amended) The computer-readable medium of claim 22 wherein:
2 the step of receiving content includes receiving content requested in messages from
3 said device;
4 said messages contain a particular identifier; and
5 the step of storing data records includes storing data records are associated with said
6 particular identifier.

1 24. (Not Amended) The computer-readable medium of claim 22 wherein the step of
2 storing data records containing said data items is performed transparent to a user of
3 said device.

1 25. (Not Amended) The computer-readable medium of claim 22 further comprising
2 instructions for performing the step of deleting existing data records in response to
3 storing said data records when an amount associated with said data records reaches a
4 predetermined threshold.

1 26. (Not Amended) The computer-readable medium of claim 25 further comprising
2 instructions for performing the step of selecting which existing data records to delete
3 based on a sequence associated with said existing data records.

1 27. (Not Amended) The computer-readable medium of claim 26 wherein said sequence
2 reflects when data items within said existing data records were most recently selected.

1 28. (Not Amended) The computer-readable medium of claim 26 wherein said sequence
2 reflects when said existing data records were generated.

1 29. (Not Amended) The computer-readable medium of claim 22 wherein:
2 the content includes tags; and
3 the step of identifying, within said content, data items associated with said particular
4 type of information is performed based on said tags.

1 30. (Not Amended) The computer-readable medium of claim 21, wherein the step of
2 transmitting data to said device to cause said device to present a user interfaces
3 includes transmitting data to said device to cause said device to present a user
4 interface that displays a first subset of said plurality of data items.

1 31. (Not Amended) The computer-readable medium of claim 30, further comprising
2 instructions for performing the step of transmitting data to said device to cause said
3 device to present an option for causing said list to be updated to display a second
4 subset of said plurality of data items.

1 32. (Not Amended) The computer-readable medium of claim 21, wherein said particular
2 data item identifies a particular address.

1 33. (Not Amended) The computer-readable medium of claim 21, wherein
2 said data records are stored in a database with data that associates the data records
3 with an identifier,
4 the computer-readable medium includes instructions for performing the steps of
5 extracting the identifier from said first message; and
6 locating said data records based on said identifier.

34. (Cancelled)

1 35. (Not Amended) The computer-readable medium of claim 21, wherein said step of
2 storing said data records comprises:
3 receiving data items associated with said particular type of information from said
4 device;
5 storing said plurality of data items received from said device.

1 36. (Not Amended) The computer-readable medium of claim 21 further comprising
2 instructions for performing the step of deleting existing data records in response to
3 storing said data records when an amount associated with said data records reaches a
4 predetermined threshold.

1 37. (Not Amended) The computer-readable medium of claim 36 further comprising
2 instructions for performing the step selecting which existing data records to delete
3 based on a sequence associated with said existing data records.

1 38. (Not Amended) The computer-readable medium of claim 37 wherein said sequence
2 reflects when data items within said existing data records were most recently selected.

1 39. (Not Amended) The computer-readable medium of claim 37 wherein said sequence
2 reflects when said existing data records were generated.

1 40. (Amended) The computer-readable medium of claim 21, wherein
2 the step of storing is performed by a server; and

3 the device is connected to the server through a connection that includes at least a
4 portion that is wireless; and

5 said step of storing said data records comprises

6 receiving data items associated with said particular type of information from a

7 second device that is connected to said server with a connection that is

8 not wireless; and

9 storing said plurality of data items with an identifier associated with said

10 device.

1 41. (New) The method of Claim 1 wherein:

2 the step of storing data records containing a plurality of data items associated

3 with a particular type of information includes storing a particular data

4 record that contains one or more values previously provided to said

5 device by a second service that is different from said first service; and

6 the step of sending said particular data item to said first service includes sending

7 to said first service a value read from said particular data record.

1 42. (New) The computer-readable medium of Claim 21 wherein:

2 the step of storing data records containing a plurality of data items associated

3 with a particular type of information includes storing a particular data

4 record that contains one or more values previously provided to said

5 device by a second service that is different from said first service; and

- 6 the step of sending said particular data item to said first service includes sending
7 to said first service a value read from said particular data record.